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BLOOD LEUKOCYTES IN GM-CSF

- Culture 1d to adhere most monocytes
- Culture nonadherent cells 6d
- Feed with GM-CSF, culture 3d
- Rinse loose cells away

AGGREGATES AFFIXED TO A DENSE ADHERENT MONOLAYER

- Dislodge aggregates with Pasteur pipettes
- Subculture one well to three in GM-CSF
- Culture 4-10d feeding q 3d

DENDRITIC CELL AGGREGATES AFFIXED TO SCATTERED ADHERENT CELLS

- Subculture as above at 2-3 weeks

AGGREGATES ATTACHED TO A FEW ADHERENT CELLS PLUS RELEASED DENDRITIC CELLS**FIG. 1**

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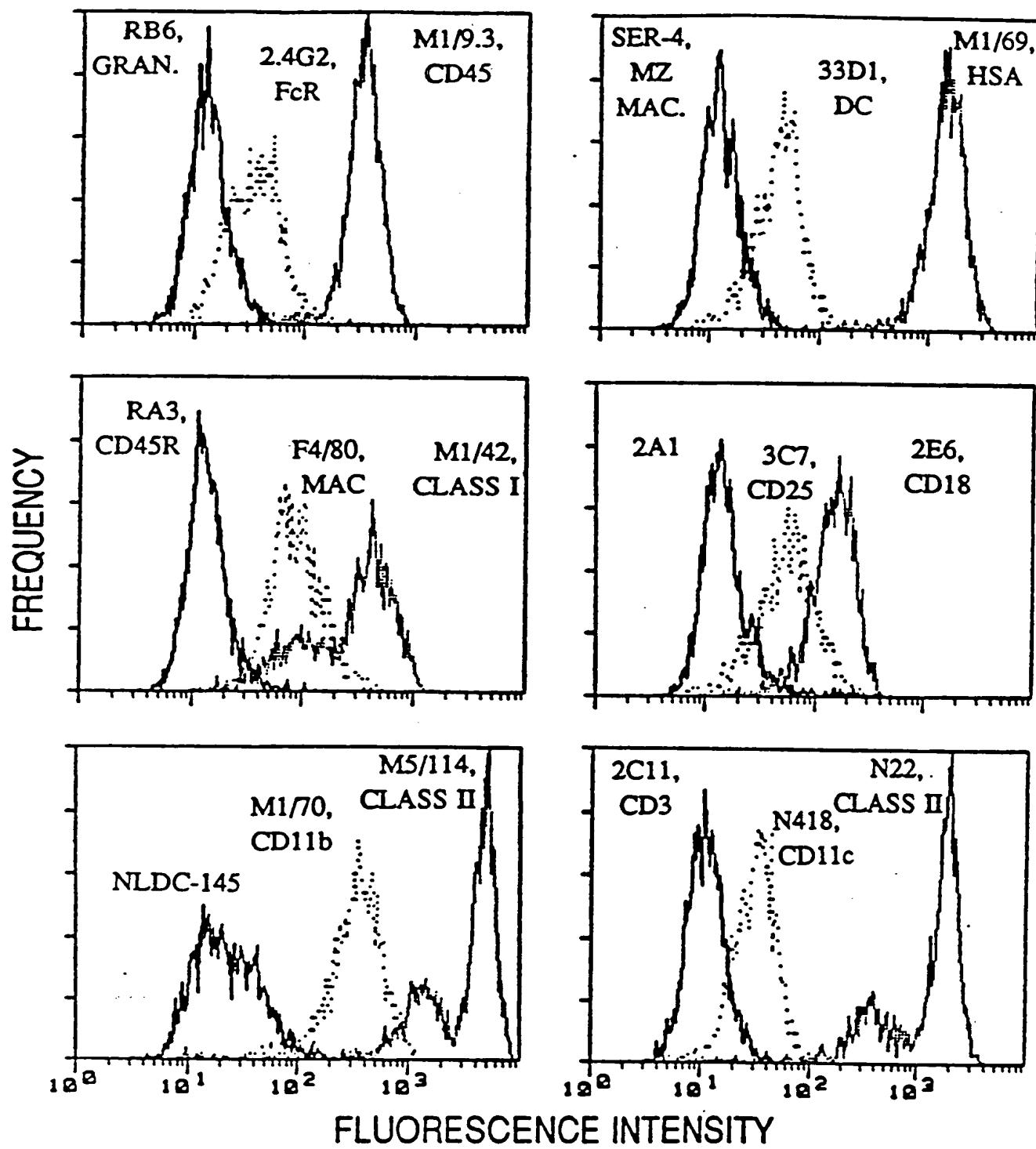


FIG. 2

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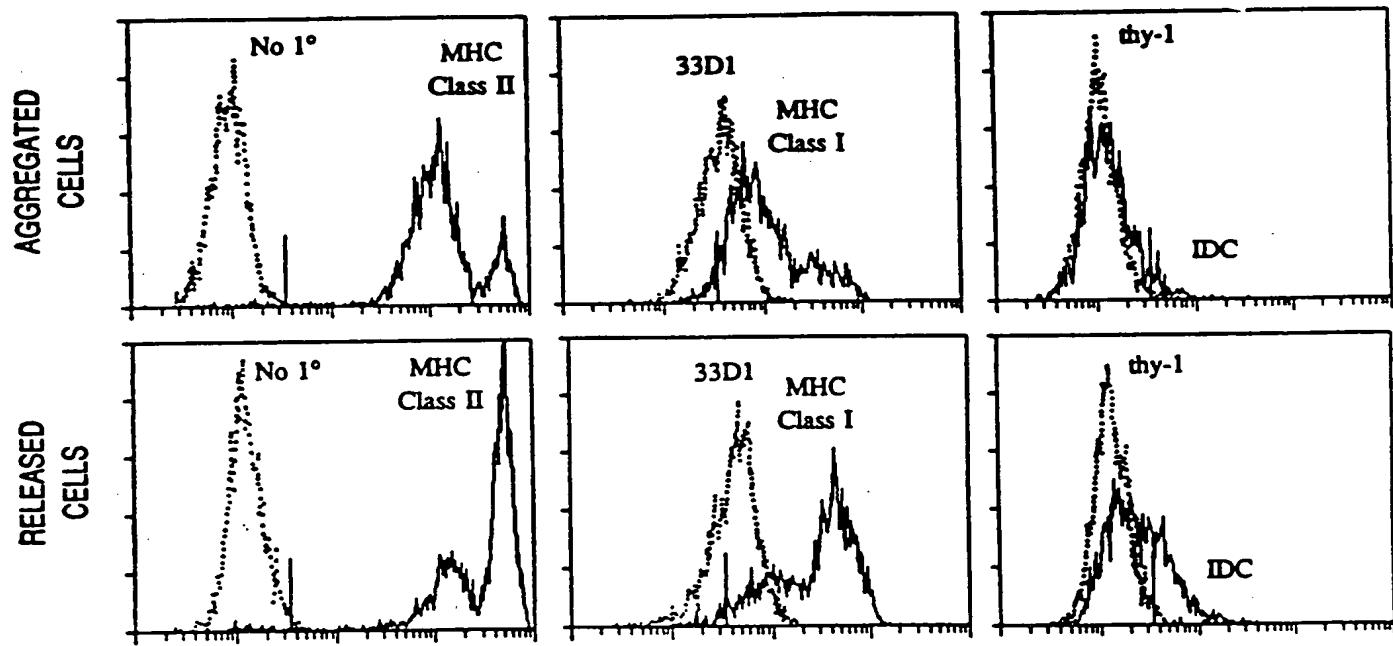


FIG. 3

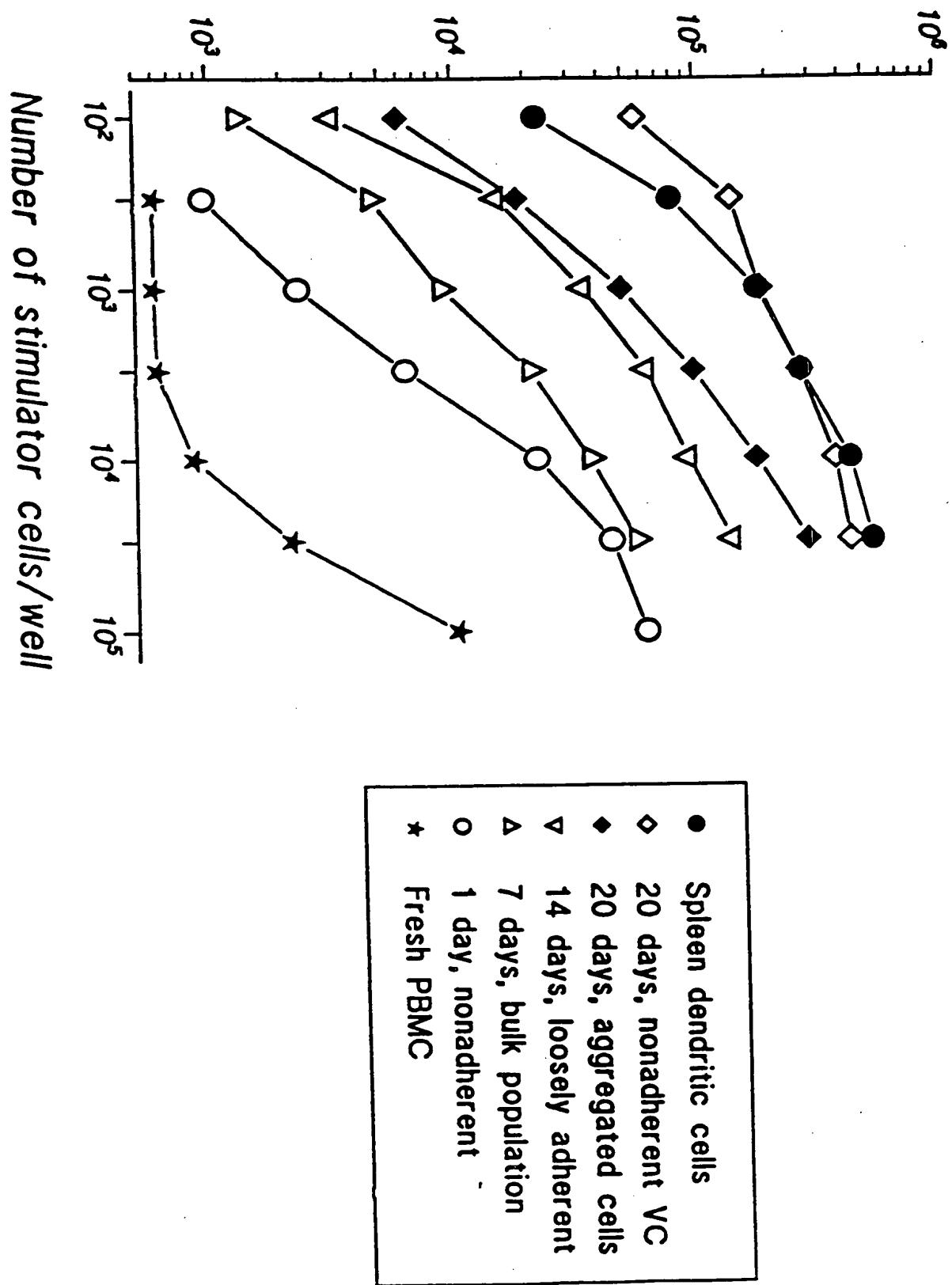
^3H -Thymidine incorporation (cpm) 08 261537

FIG. 4

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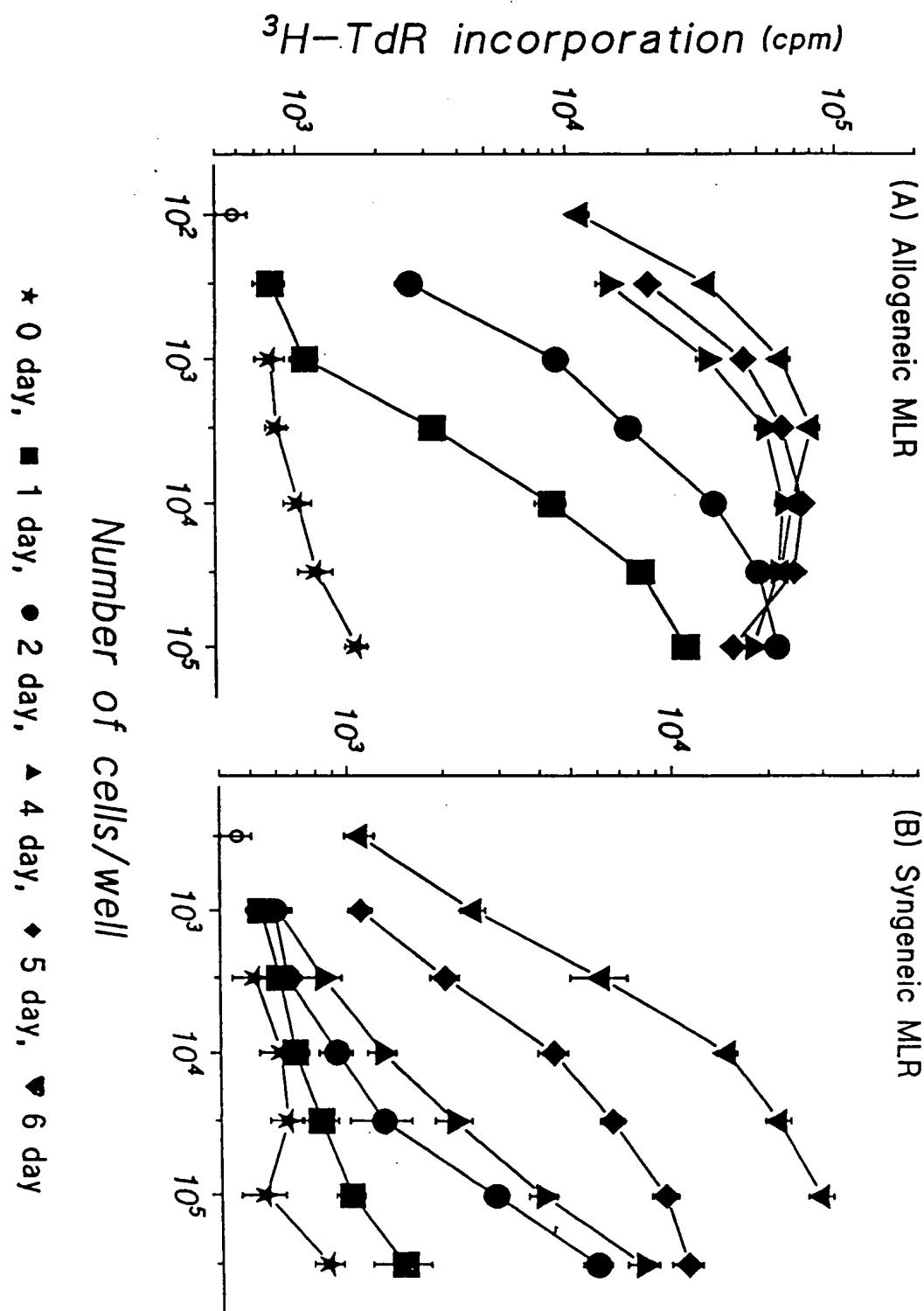


FIG. 5

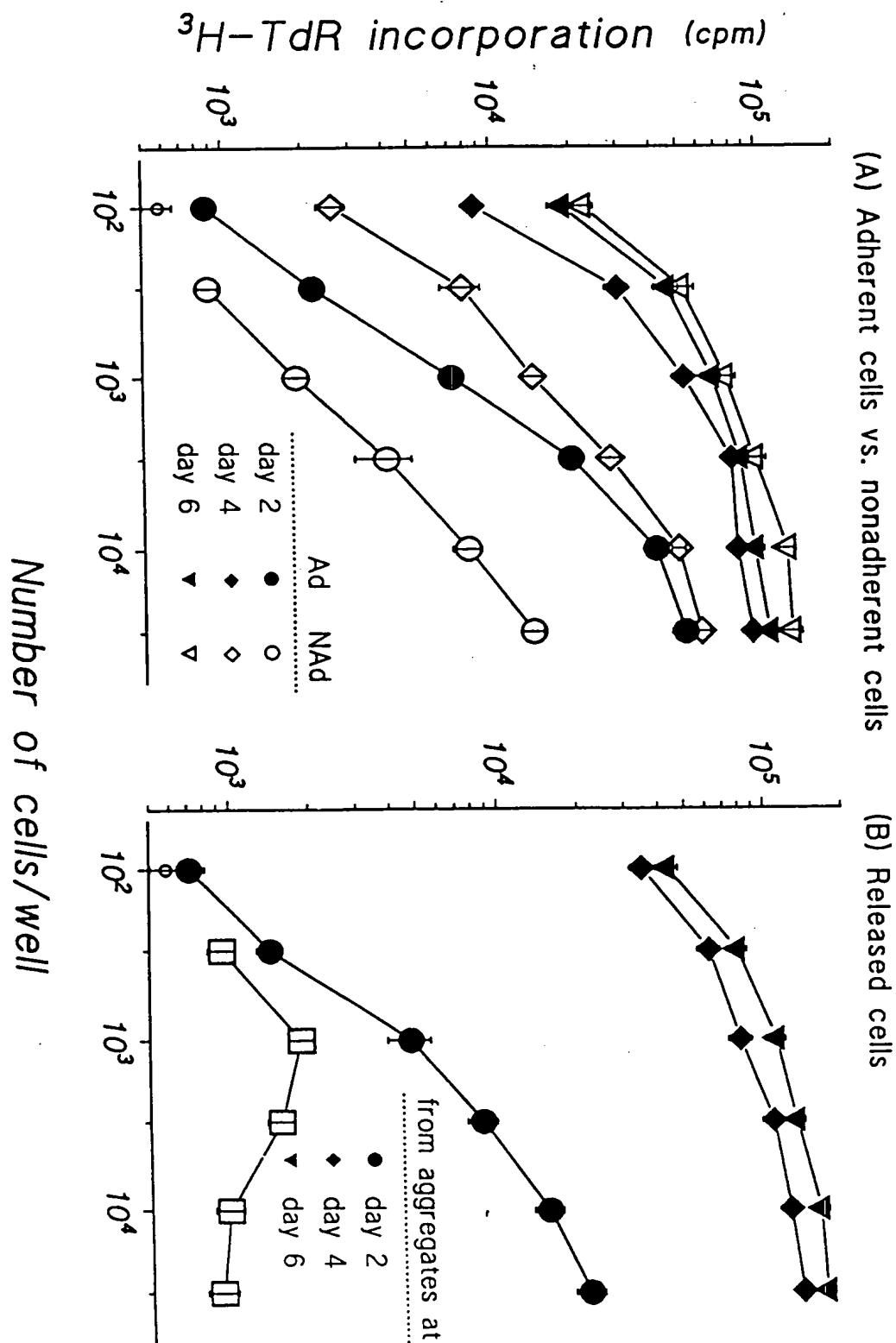
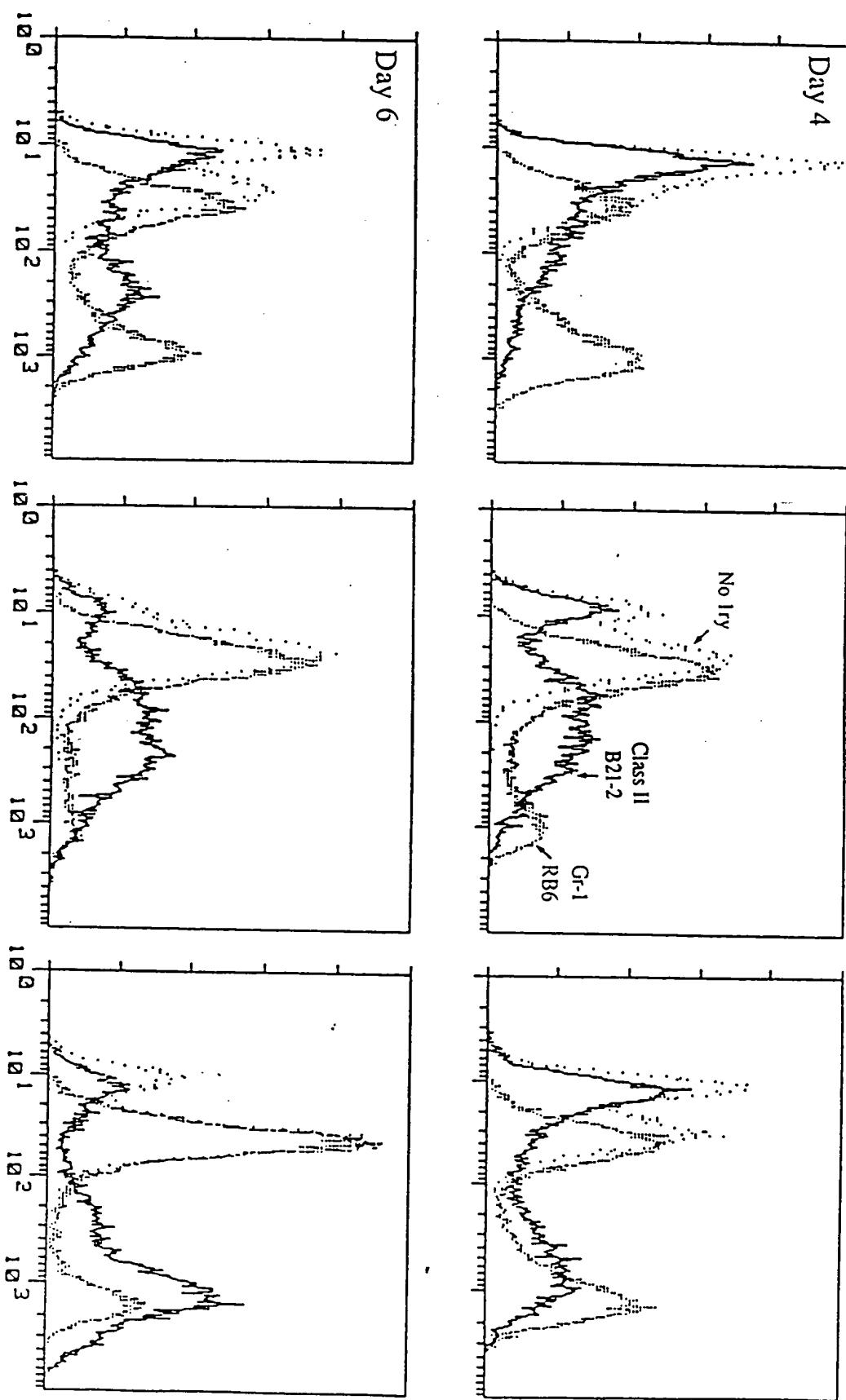


FIG. 6

Frequency

Unfractionated culture

Aggregated cells

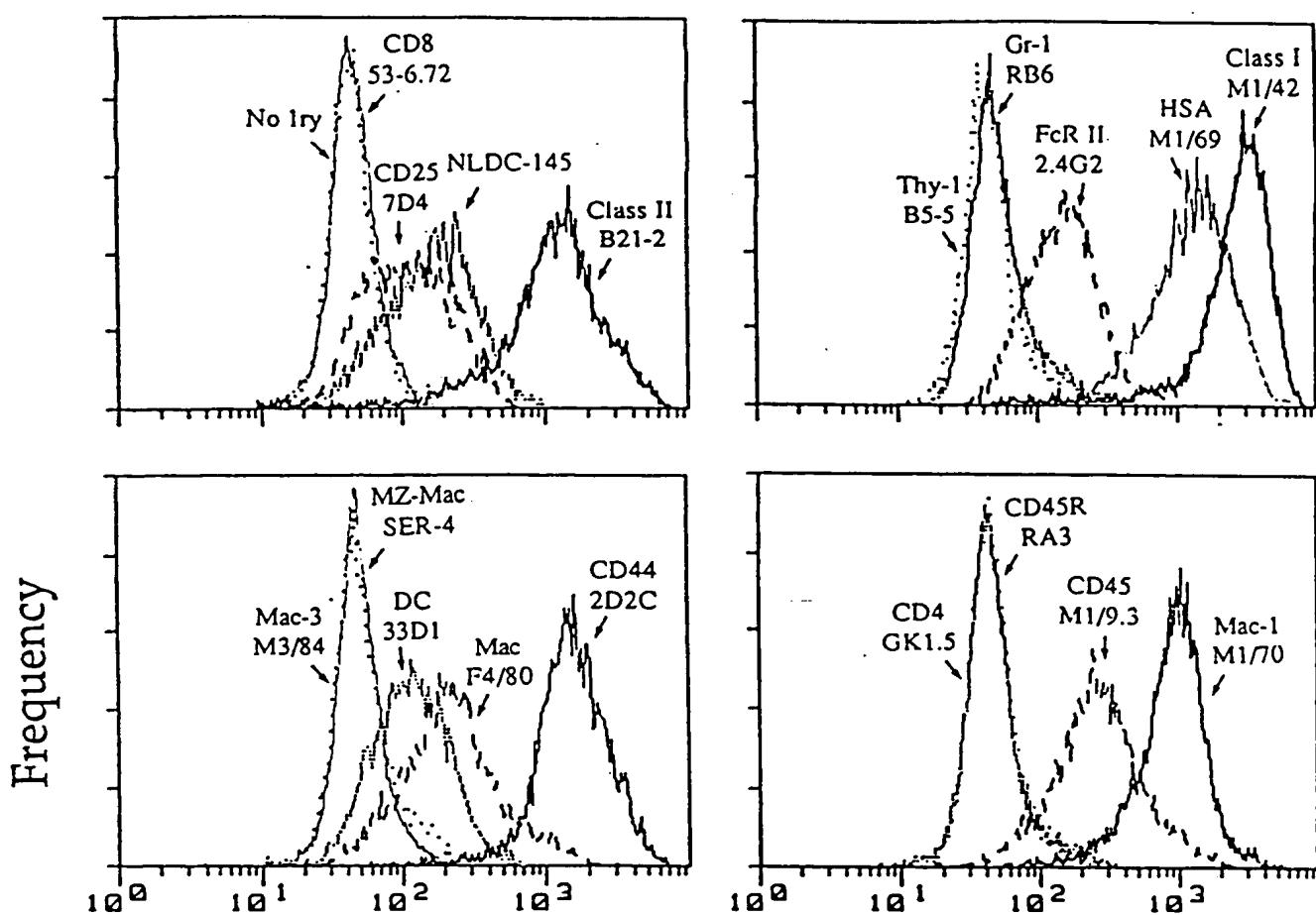
Cells released from aggregates
after 1d culture

Fluorescence Intensity

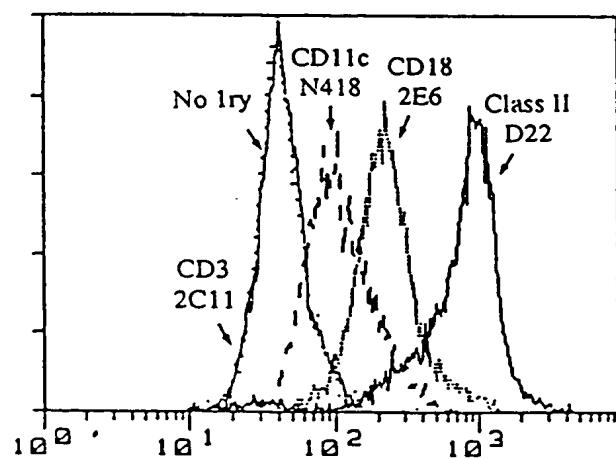
FIG. 7

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Rat MAbs



Hamster MAbs



Fluorescence Intensity

FIG. 8

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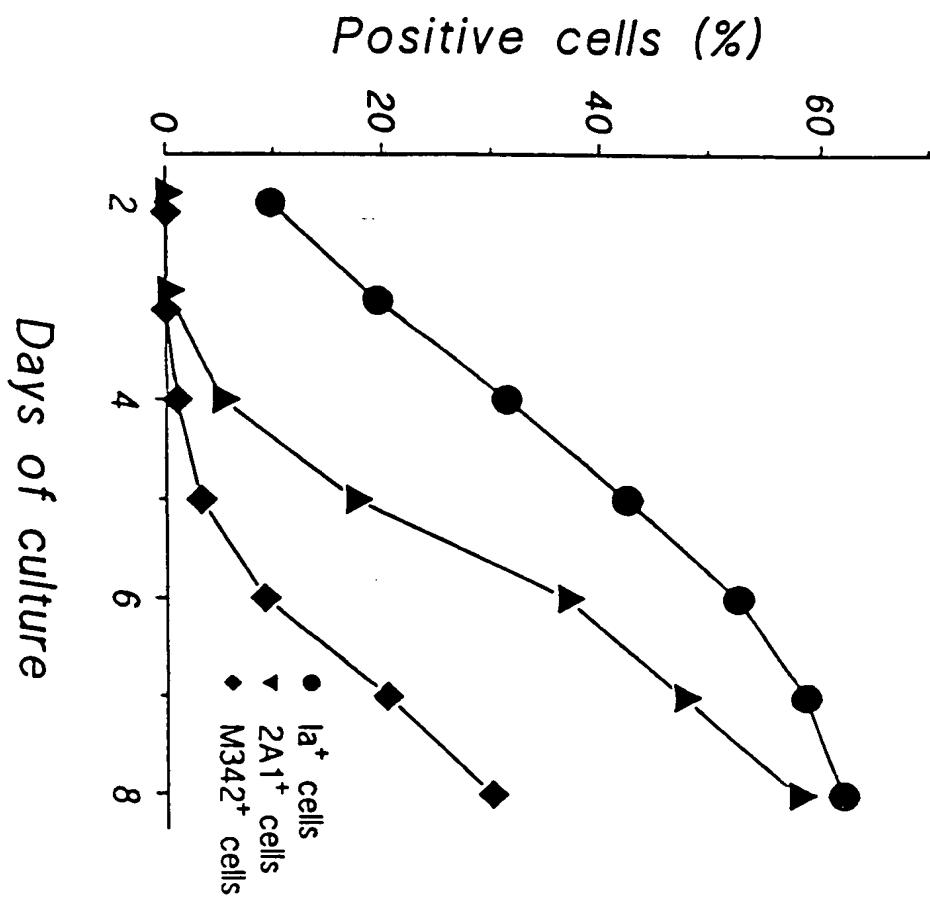


FIG. 9

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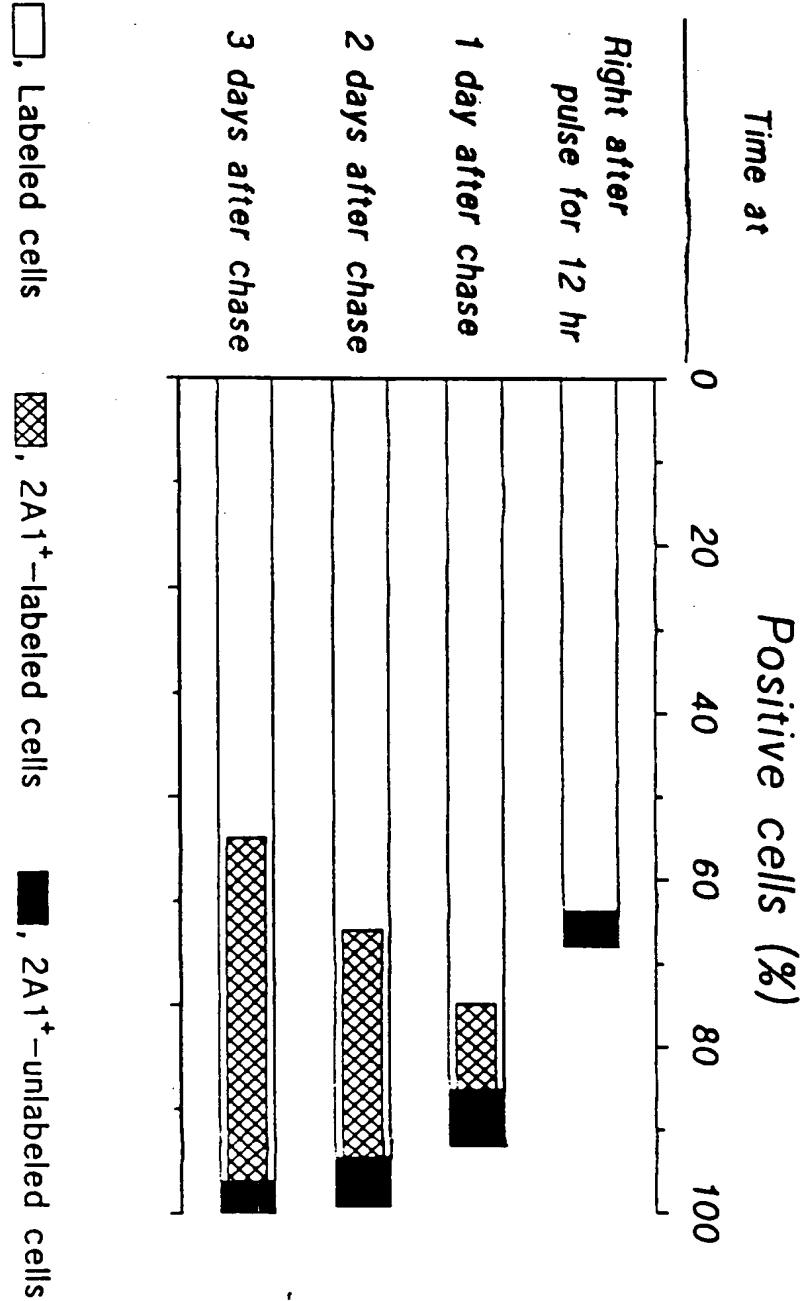


FIG. 10

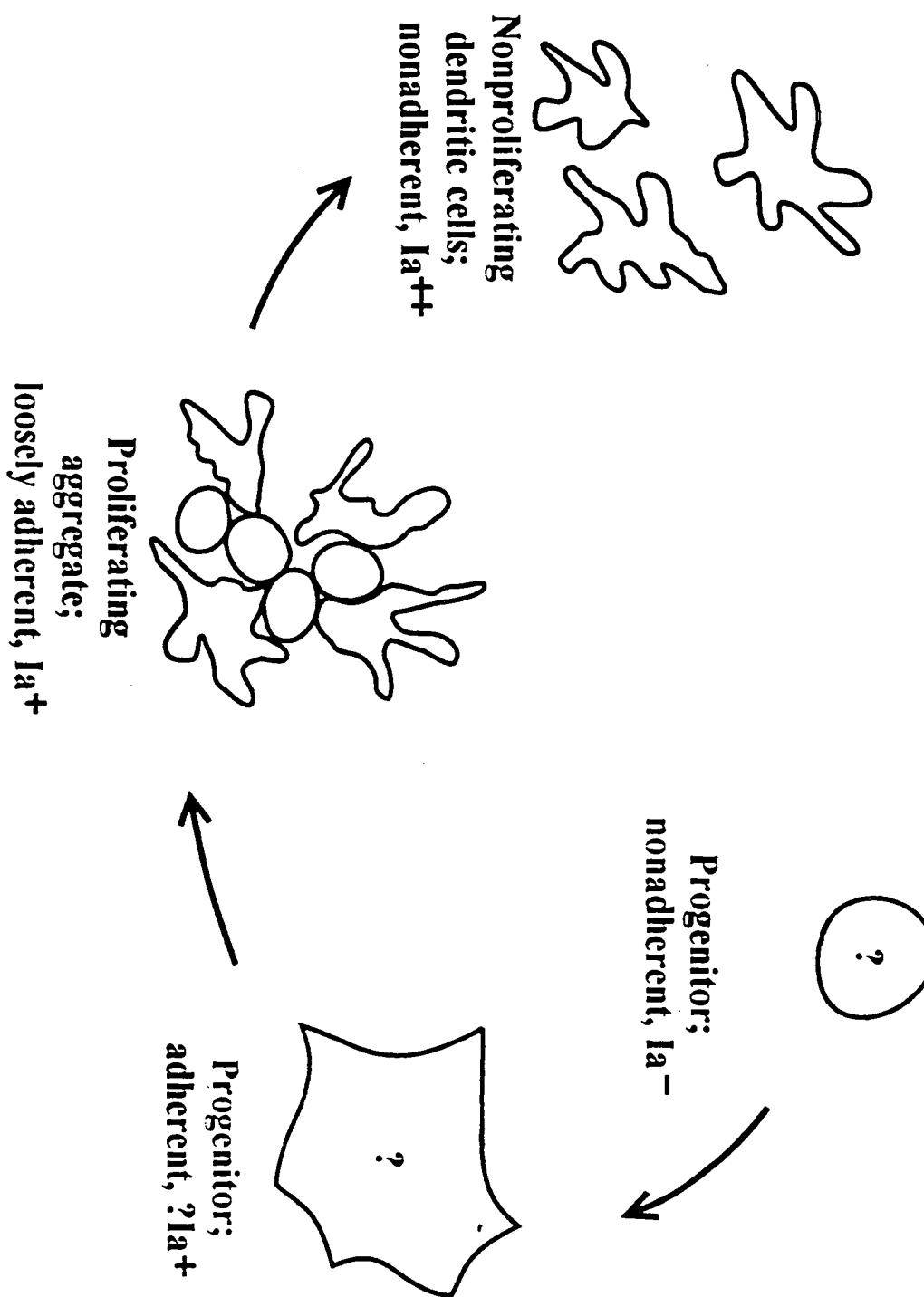
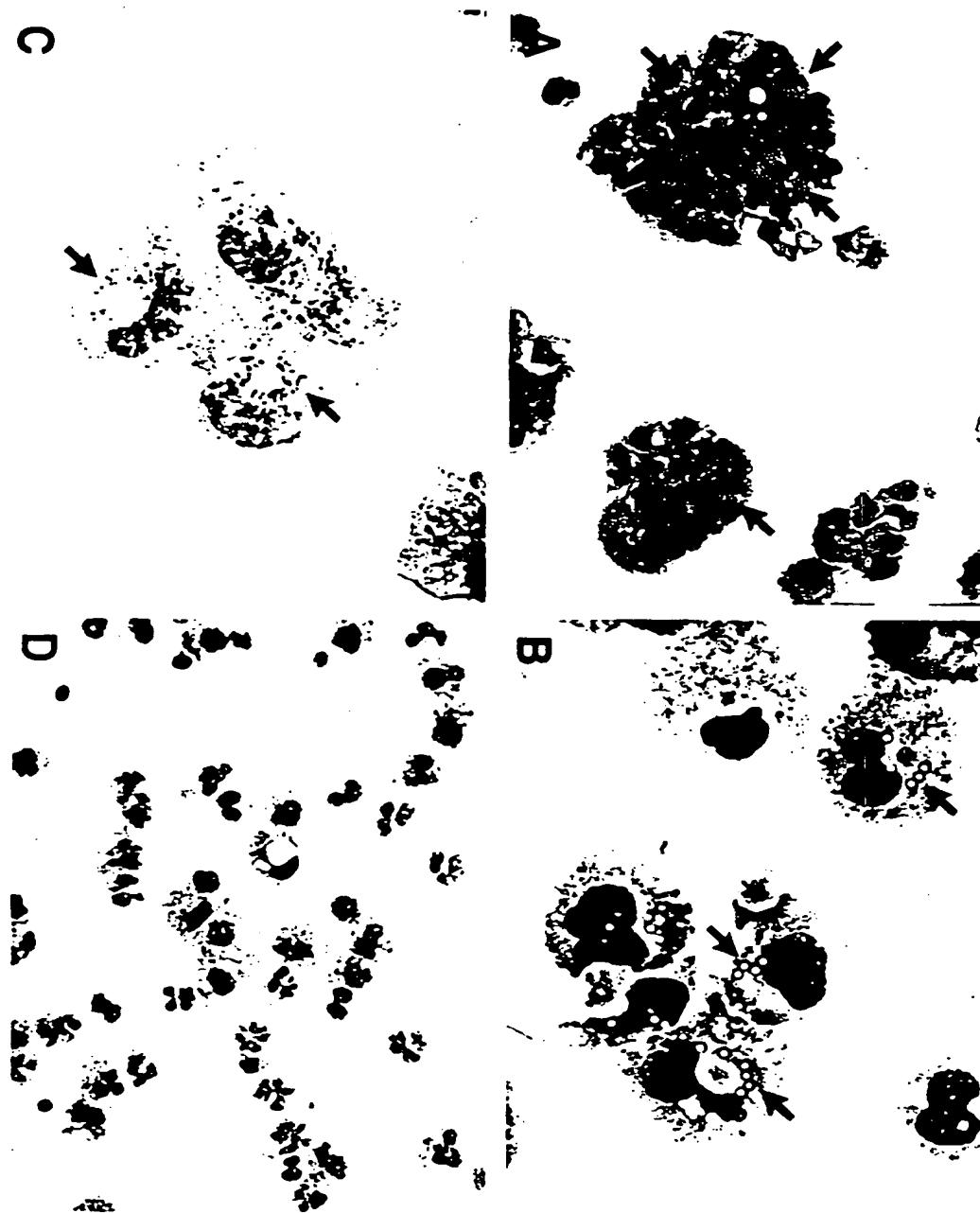
Development of Dendritic Cells

FIG. 11

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C



D

FIG. 12

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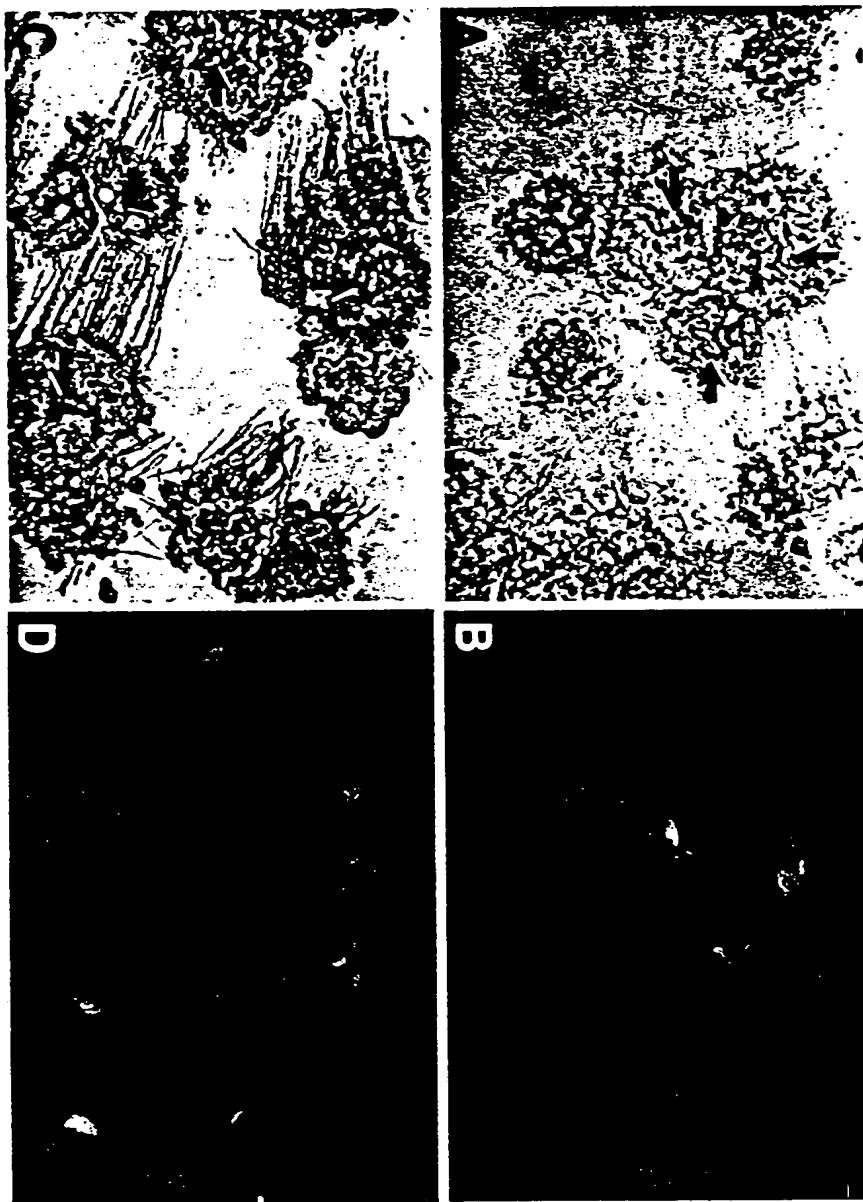


FIG. 13

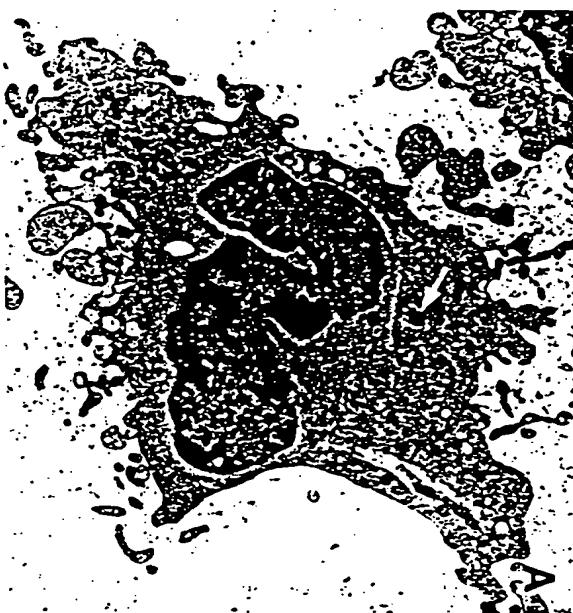
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X 20,000



X 15,000

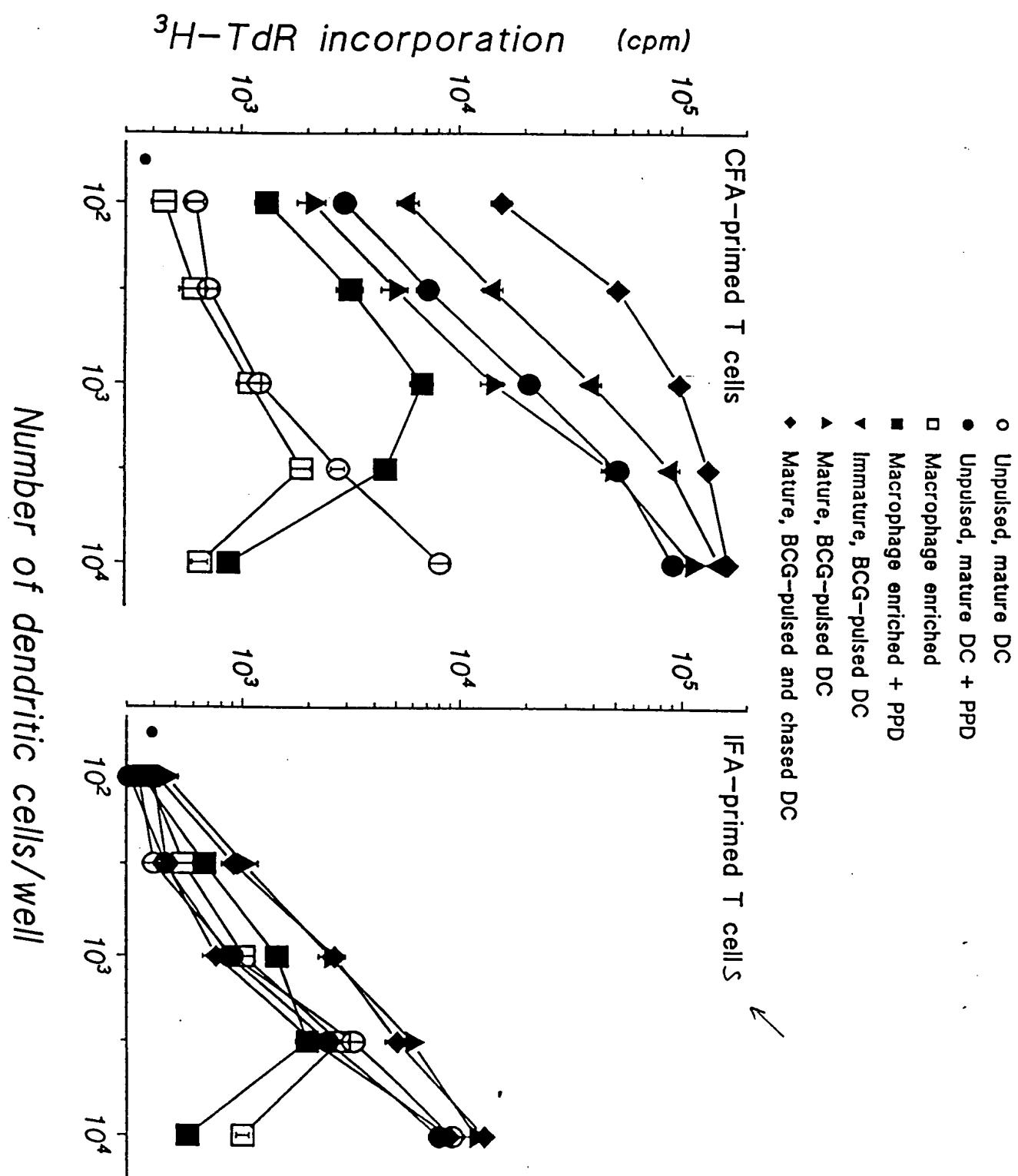


X 5,400



X 2,700

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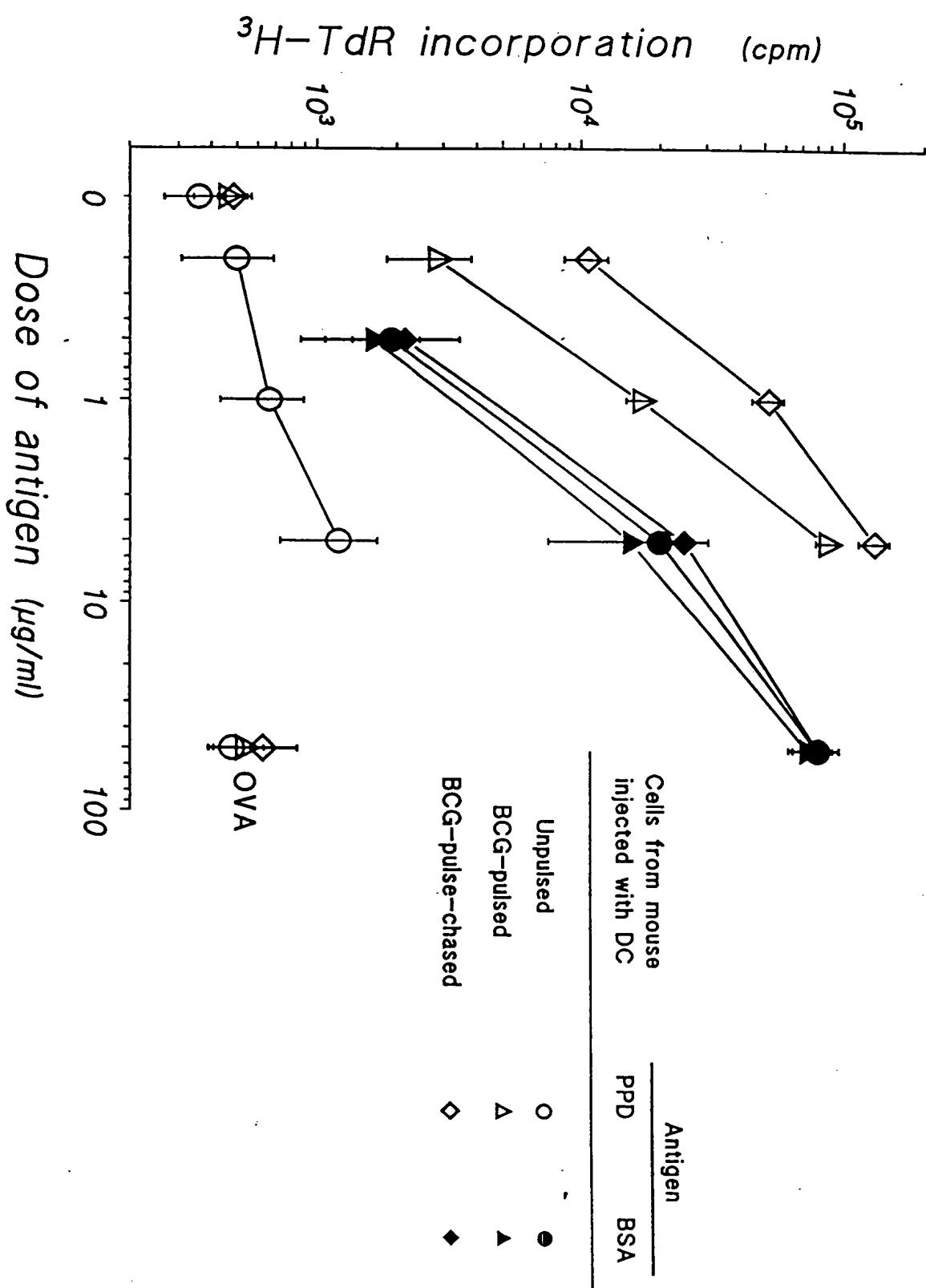
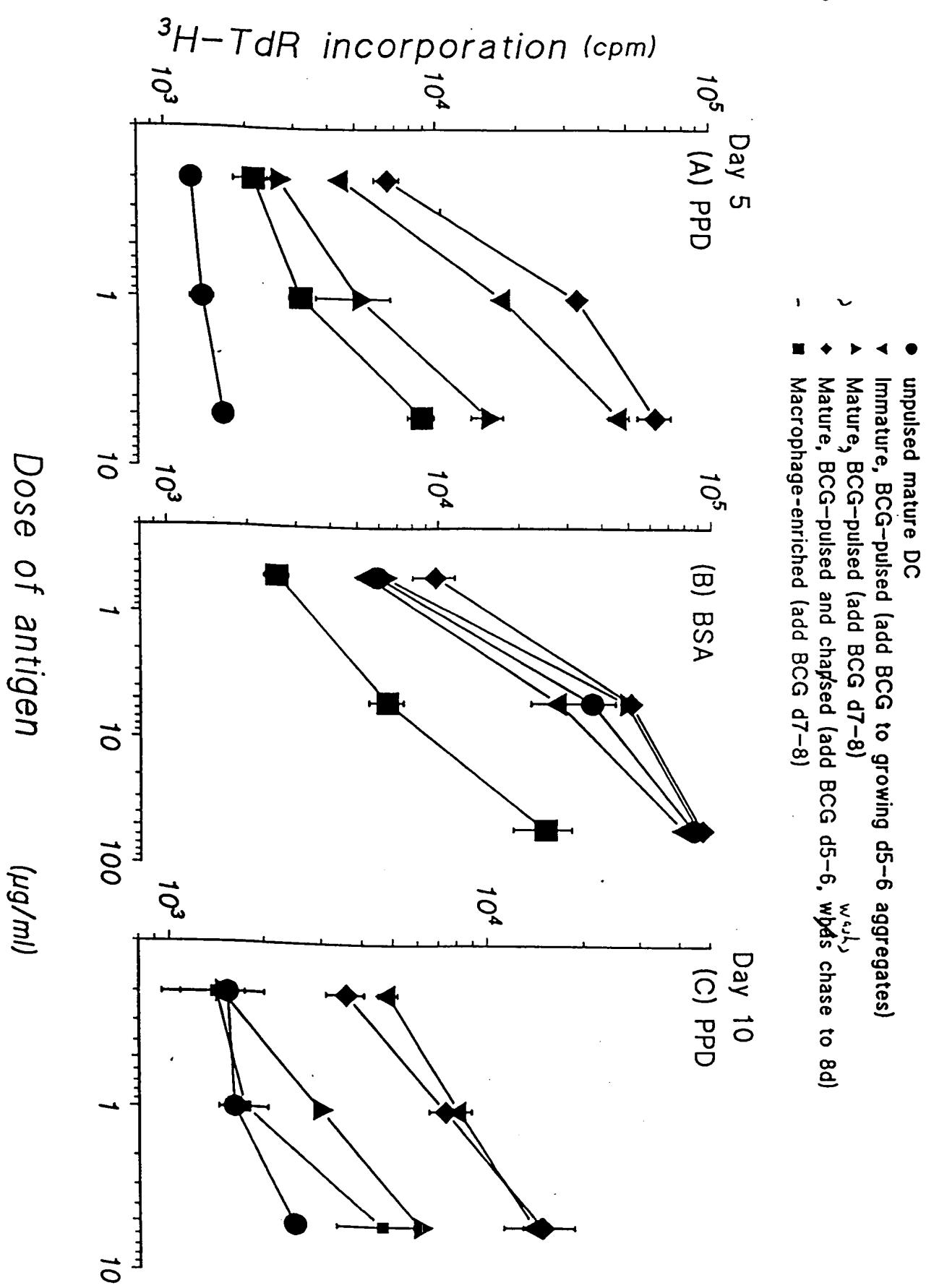


FIG. 16



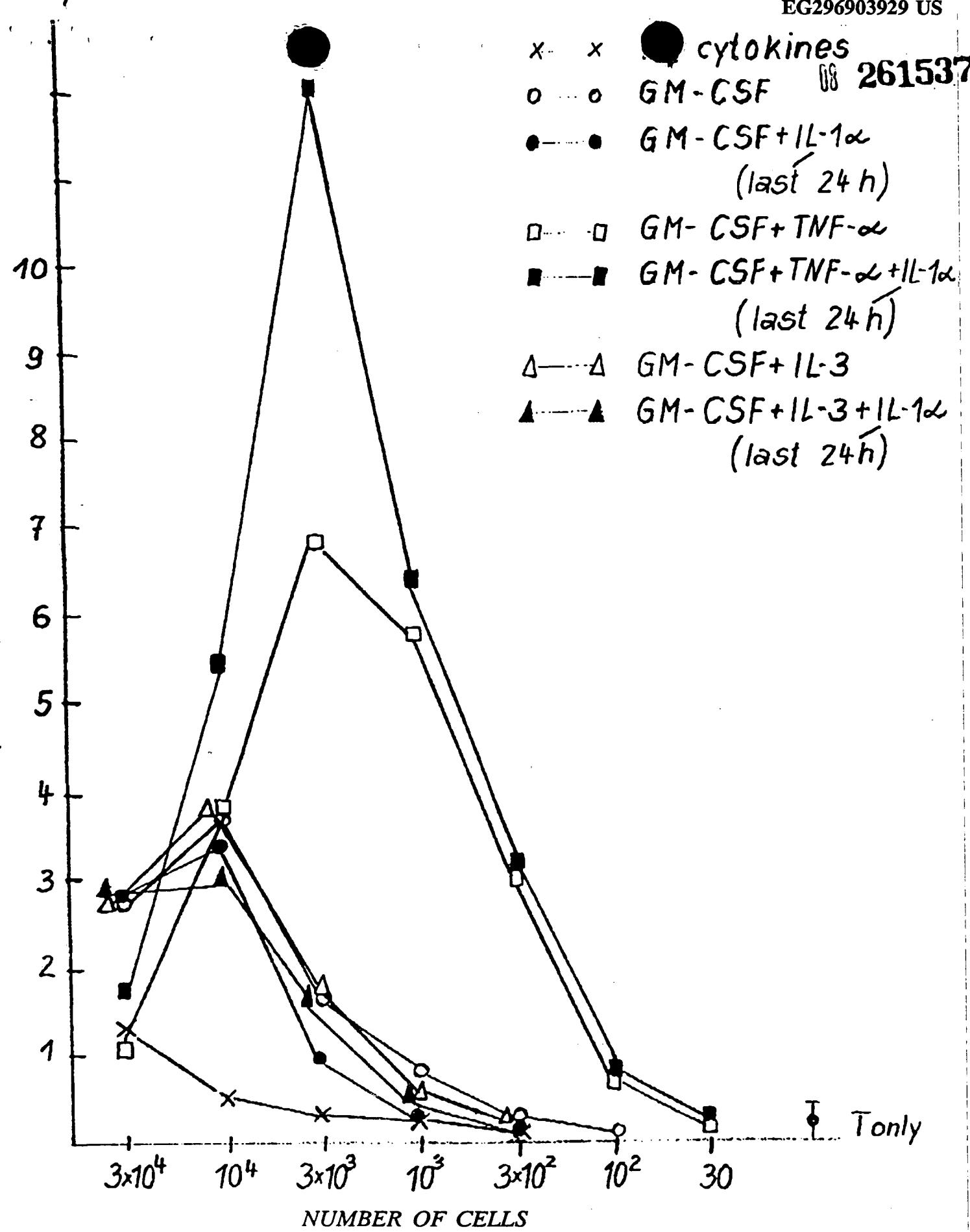


FIG. 18A

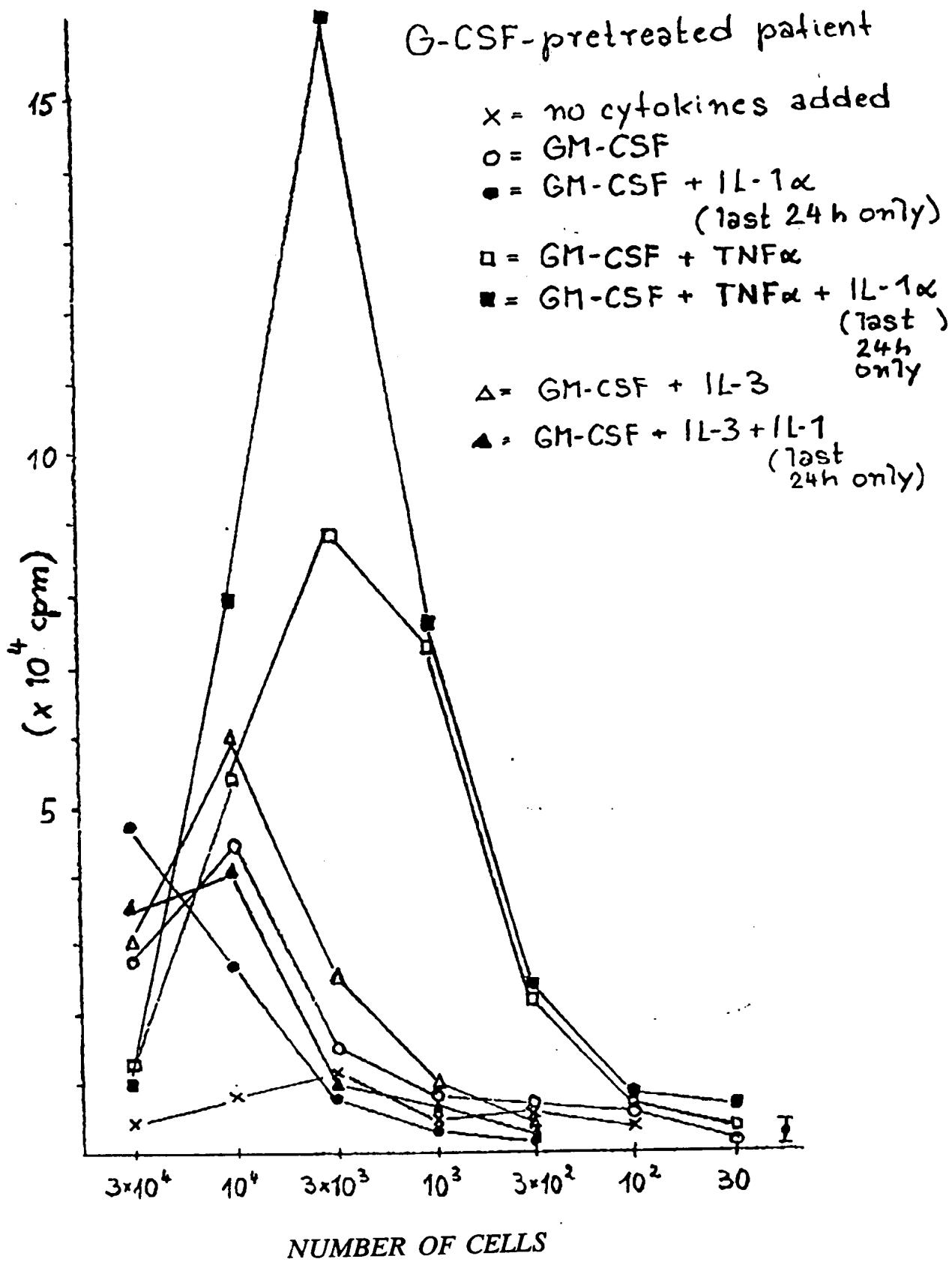


FIG. 18B

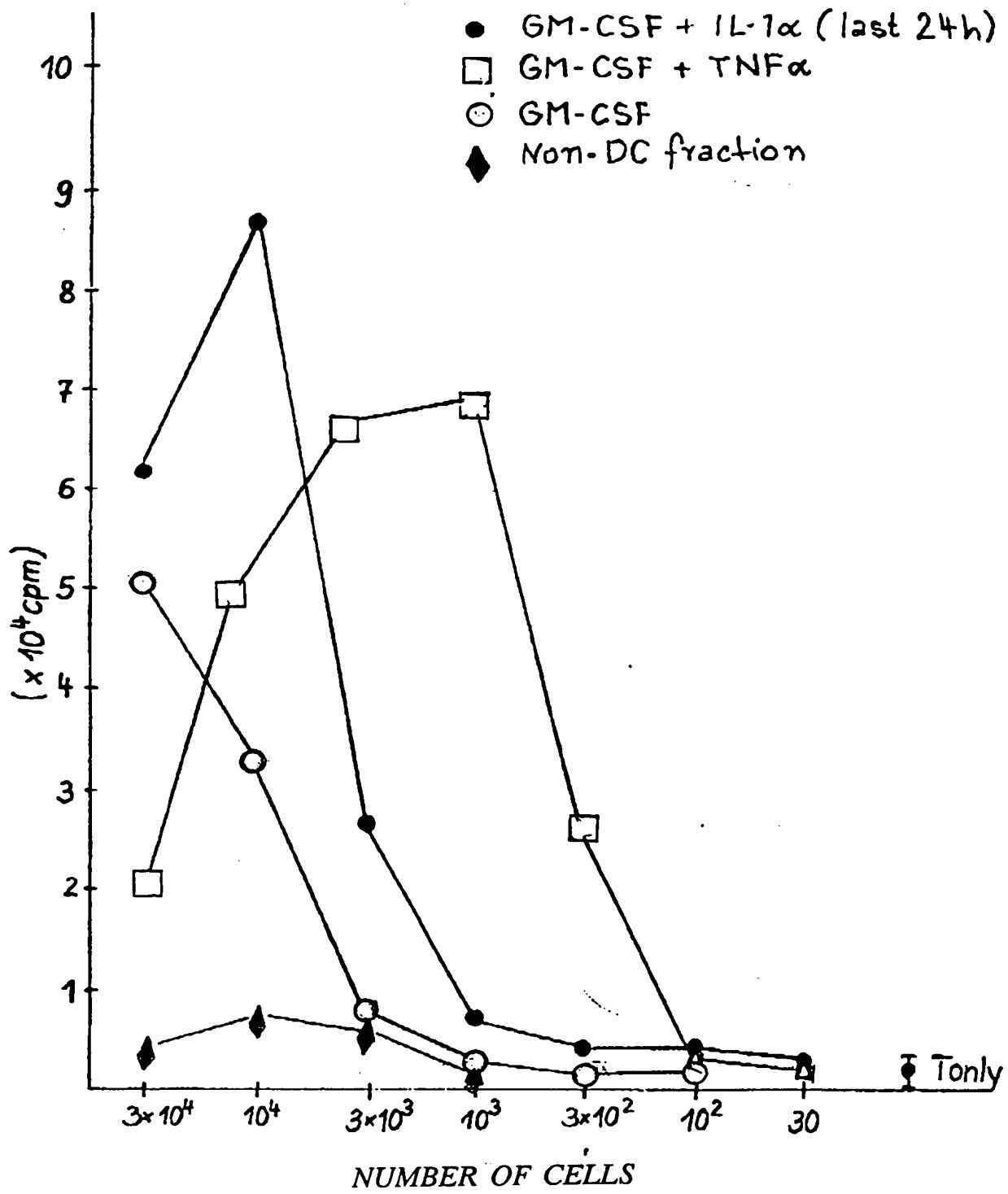


FIG. 18C

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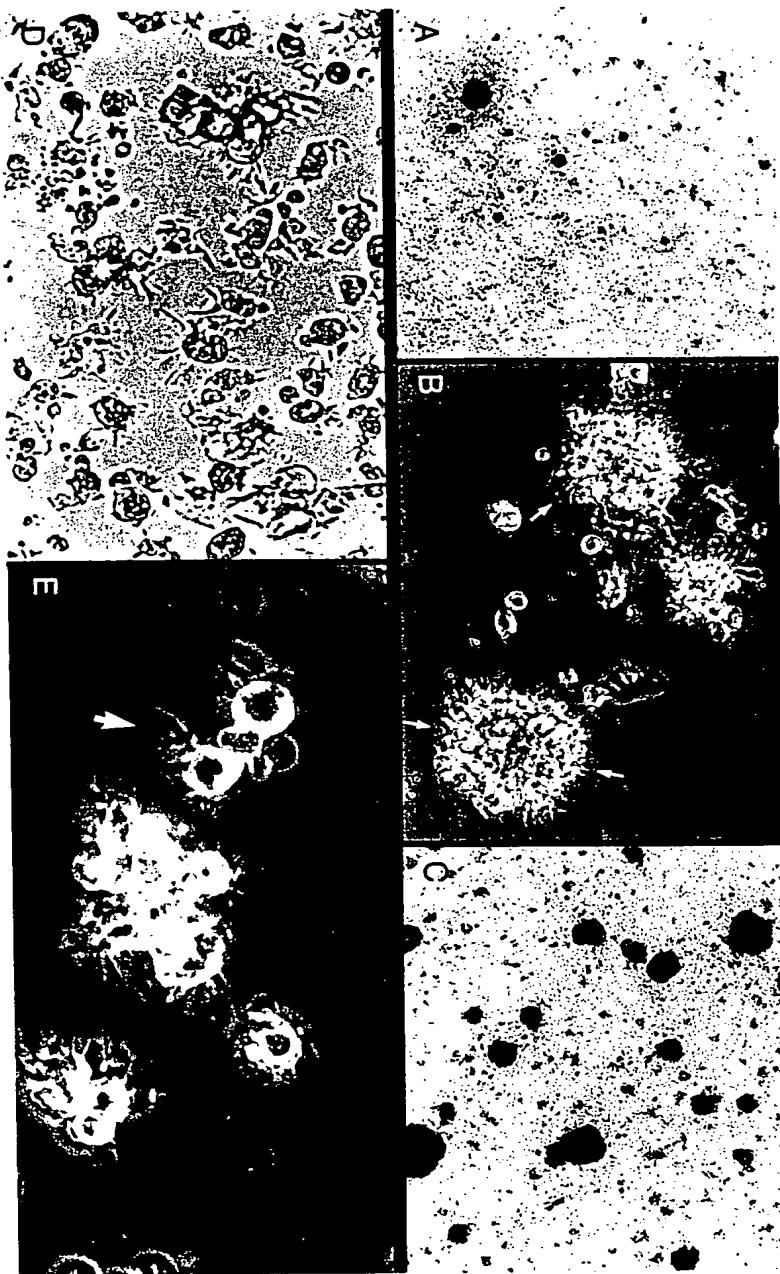


FIG. 19

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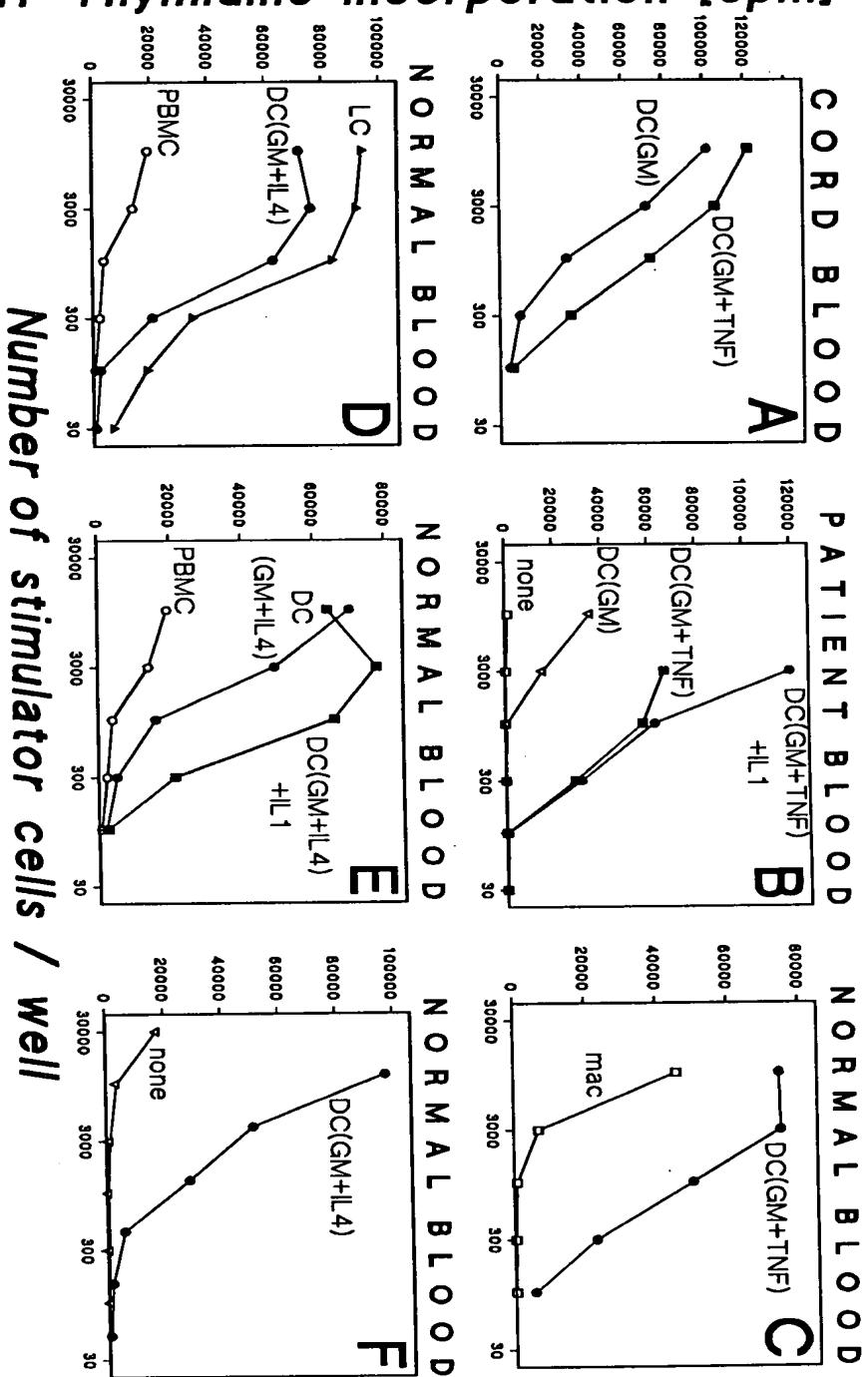
³H-Thymidine incorporation [cpm]

FIG. 20

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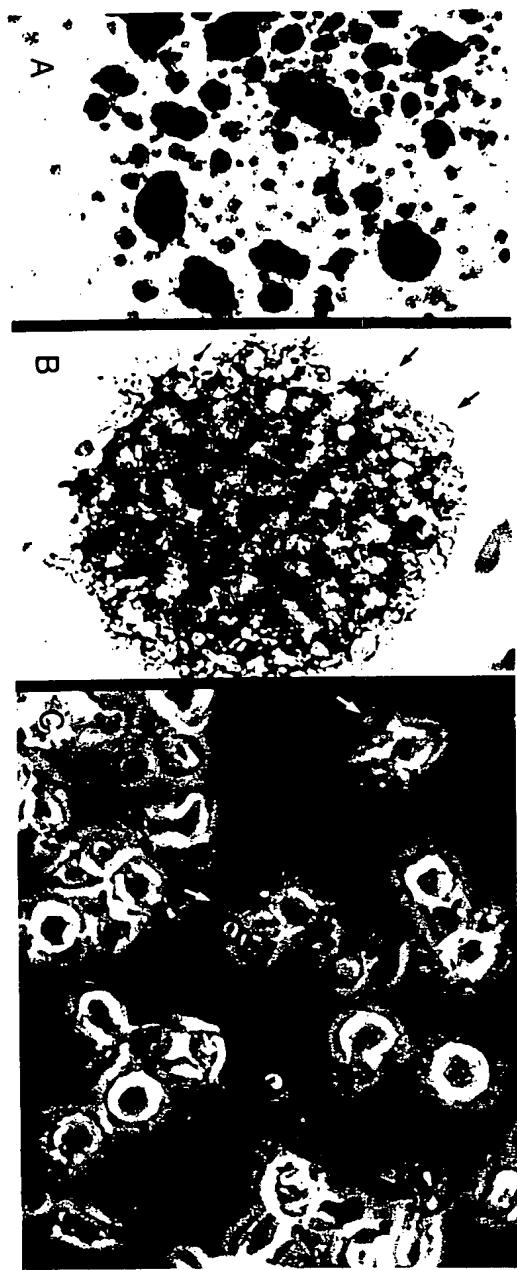


FIG. 21

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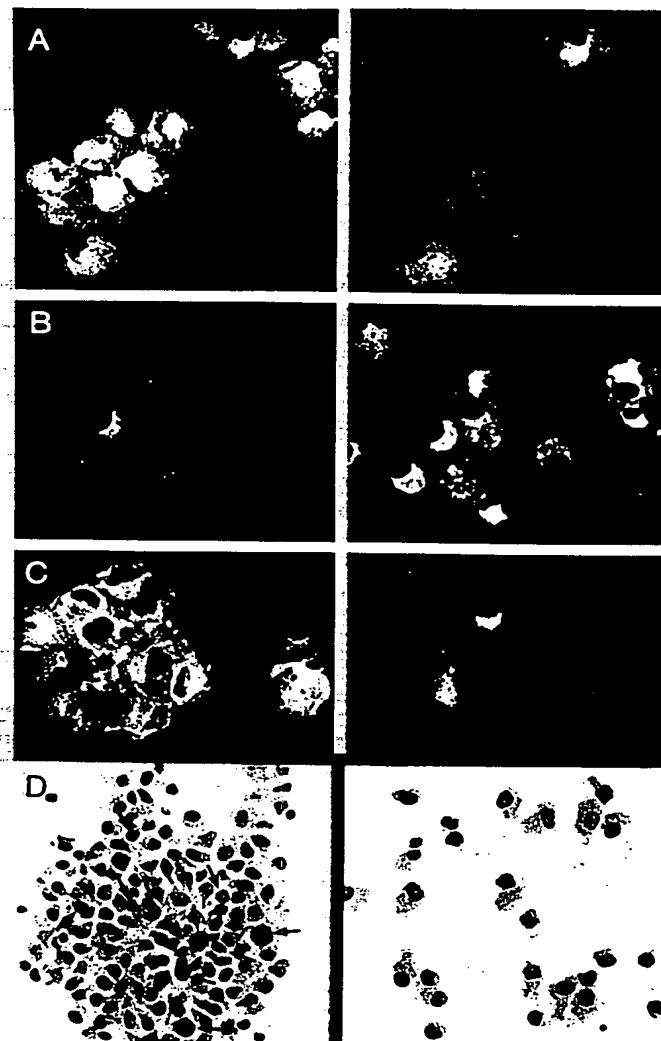
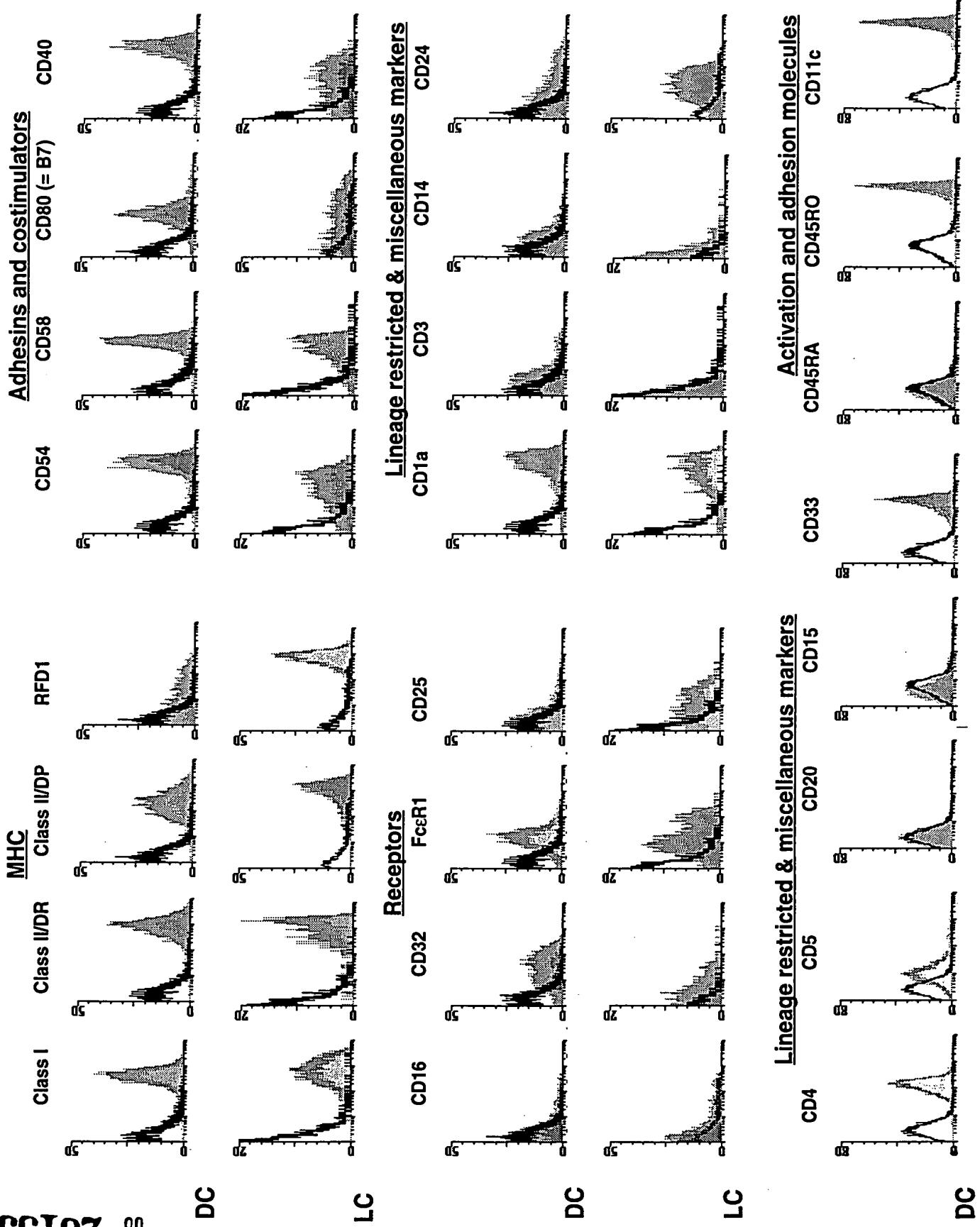


FIG. 22

FIG. 23



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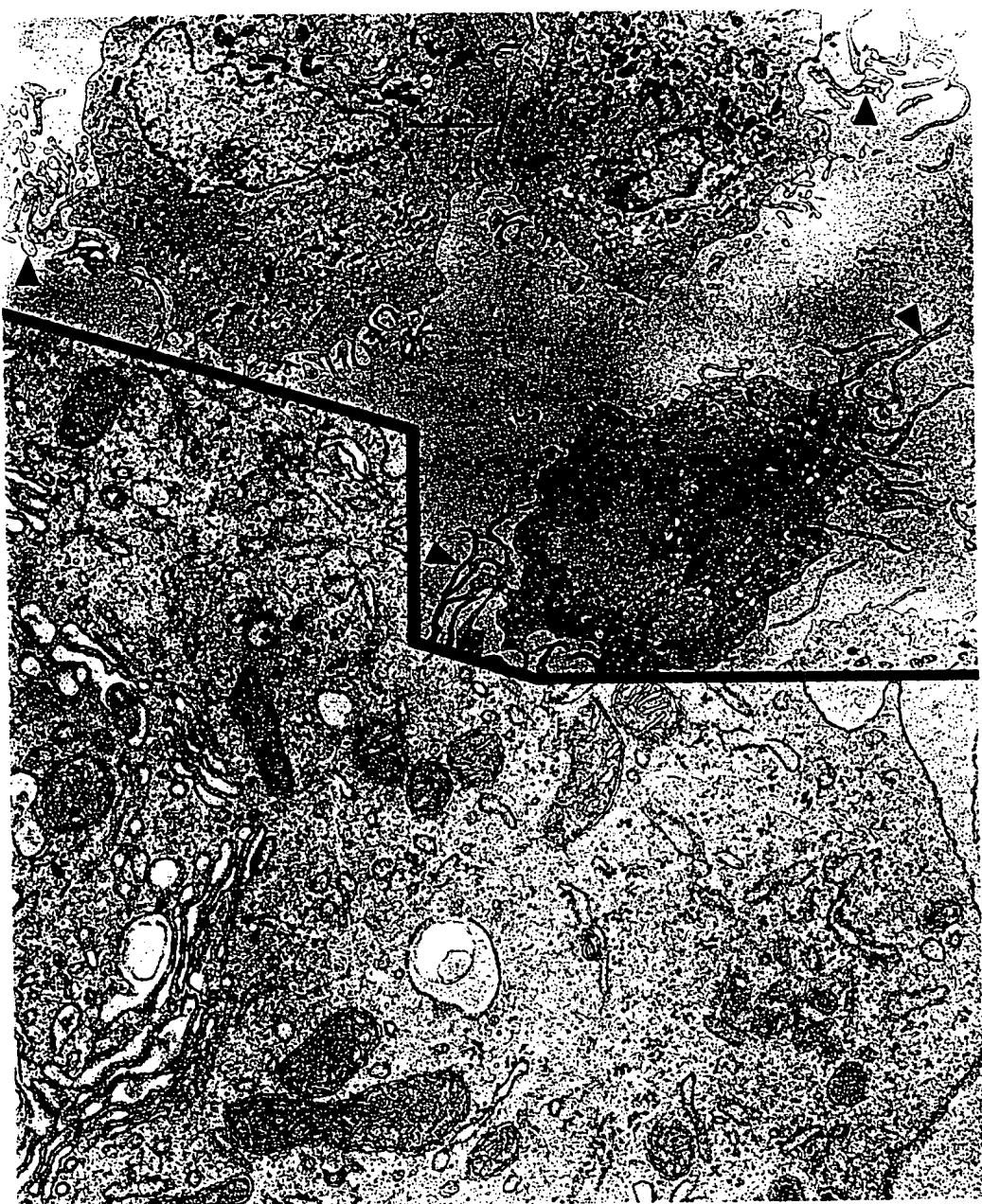


FIG. 24